Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

Claim 1 (original): A pointing device comprising:

a housing having base plate;

a wheel module comprising:

a pedestal having a swing shaft extended there through, the pedestal capable of swinging left and right about the swing shaft, the swing shaft pivotally connected to the base plate of the housing;

a wheel installed on the pedestal and rotatable about a rotary shaft that extends from the left of the pedestal to the right and is perpendicular to the swing shaft, the wheel including a step surface having at least one concave segment and at least one convex segment on an inner circumference of the wheel; and

a step unit having a step body fixed on the pedestal and a push pad elastically connected to the step body, the push pad contacting the step surface and moving back and forth relative to the step body as a result of the push pad contacting the concave and convex segments when the wheel is rotated; and

a swing-sensing module installed on the housing for detecting the swing of the pedestal about the swing shaft and for generating a corresponding swing-sensing signal.

Claim 2 (original): The pointing device of claim 1, wherein a front end of the swing shaft is vertically fixed to the base plate of the housing and a rear end of the swing shaft is vertically free to move up and down pivoting about the front end of the swing shaft, the pointing device further comprising:

a click sensor installed in the housing for detecting vertical movement of the pedestal and generating a corresponding click-sensing signal.

Claim 3 (original): The pointing device of claim 1 further comprising:

a rotation-sensing module installed on the pedestal for detecting the rotation of the wheel about the rotary shaft and generating a corresponding rotation-sensing signal.

Claim 4 (original): The pointing device of claim 3 wherein an optical gate is disposed on the wheel, the optical gate having at least one light-passing area and one light-blocking area, the rotation-sensing module further comprising:

a light emitting element installed on one side of the pedestal for emitting a light beam; and

a light receiving element installed on the other side of the pedestal, wherein when the optical gate rotates with the wheel, the light-passing areas and the light-blocking areas alternately pass between the light emitting element and the light receiving element.

Claim 5 (original): The pointing device of claim 1 wherein the housing further comprises:

at least one button; and

at least one button sensor for detecting the press of the button and generating a corresponding button-sensing signal.

Claim 6-14 (canceled):